

# IEM - Bibliography list

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## 0.1 Contributions in books

1. Martin Petrun, Simon Steentjes, Kay Hameyer, and Drago Dolinar. Modeling the influence of varying magnetic properties in soft magnetic materials on the hysteresis shape using the flux tube approach. *Journal of Applied Physics*, 117:17A708–1–17A708–4, February 2015.
2. Thomas Herold, David Franck, Stefan Böhmer, Michael Schröder, and Kay Hameyer. Transientes Simulationsmodell für lokale Kraftanregungen elektrischer Antriebe. *ei Elektrotechnik und Informationstechnik*, 132(1):46–54, January 2015.
3. Simon Steentjes, Stefan Boehmer, and Kay Hameyer. Permanent Magnet Eddy-Current Losses in 2-D FEM Simulations of Electrical Machines. *IEEE Transactions on Magnetics*, 51(3):6300404, March 2015.
4. Andreas Ruf, Simon Steentjes, David Franck, and Kay Hameyer. Influence of non-linear frequency dependent material properties on the operation of rotating electrical machines. *COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering*, 34(3):674–690, May 2015.
5. Aryanti Kusuma Putri, Rüdiger Appunn, and Kay Hameyer. Modelling of non-linear losses in an integrated contactless power supply for magnetically levitated elevator systems using discrete circuit elements. *Archives of Electrical Engineering*, 64(2):177–187, June 2015.
6. Stefan Böhmer, Christian Krüttgen, Björn Riemer, and Kay Hameyer. Eddy Currents and Non-Conforming Sliding Interfaces for Motion in 3-D Finite Element Analysis of Electrical Machines. *IEEE Transactions on Magnetics*, 51(3):1–4, March 2015.
7. Zheng Hu, Qian Liu, and Kay Hameyer. Loss Minimization of Speed Controlled Induction Machines in Transient States Considering System Constraints. *Journal of International Conference on Electrical Machines and Systems*, 4(1):34–41, 2015.
8. Andreas Thul, Daniel Eggers, Björn Riemer, and Kay Hameyer. Active suspension system with integrated electrical tubular linear motor: design, control strategy and validation. *Archives of Electrical Engineering*, 64(4):605–616, December 2015.
9. Un-Jae Seo, Björn Riemer, Rüdiger Appunn, and Kay Hameyer. Design considerations of a linear generator for a range extender application. *Archives of Electrical Engineering*, 64(4):581–592, December 2015.

## 0.2 Papers in international journals with review

1. Martin Petrun, Simon Steentjes, Kay Hameyer, and Drago Dolinar. Modeling the influence of varying magnetic properties in soft magnetic materials on the hysteresis shape using the flux tube approach. *Journal of Applied Physics*, 117:17A708–1–17A708–4, February 2015.
2. Thomas Herold, David Franck, Stefan Böhmer, Michael Schröder, and Kay Hameyer. Transientes Simulationsmodell für lokale Kraftanregungen elektrischer Antriebe. *ei Elektrotechnik und Informationstechnik*, 132(1):46–54, January 2015.
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### 0.3 Papers in conference proceedings

1. Martin Petrun, Simon Steentjes, Kay Hameyer, and Drago Dolinar. Modeling the influence of varying magnetic properties in soft magnetic materials on the hysteresis shape using the flux tube approach. *Journal of Applied Physics*, 117:17A708–1–17A708–4, February 2015.
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## 0.4 Papers in journals without review

1. Martin Petrun, Simon Steentjes, Kay Hameyer, and Drago Dolinar. Modeling the influence of varying magnetic properties in soft magnetic materials on the hysteresis shape using the flux tube approach. *Journal of Applied Physics*, 117:17A708–1–17A708–4, February 2015.
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